

From: [Young, Howard S.](#)
To: [Zhen, Davis](#); [Sheldrake, Sean](#)
Cc: [Scott Coffey](#); [Vickstrom, Kyle E.](#)
Subject: FW: PH Surface Sediment Schedule 6/13 through 7/1
Date: Wednesday, June 20, 2018 11:39:01 AM

I wonder if we can request a longer term schedule update from the PreRD Group. This schedule doesn't even cover the next two weeks. Assuming EPA will continue full time oversight we will likely need to bring staff in from out of town to cover the surface, sediment coring, sediment trap/surface water if they are going to overlap. More lead time would help with the oversight travel logistics.

Thanks

Howard

Howard S. Young, LG | CDM Smith

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From: Moody, Nicky <nicky.moody@aecom.com>

Sent: Wednesday, June 20, 2018 11:15 AM

To: Young, Howard S. <younghs@cdmsmith.com>

Cc: Pretare, Jennifer <jennifer.pretare@aecom.com>; Coffey, Scott <CoffeySE@cdmsmith.com>; Stuesse, Gregory L. <stuessegl@cdmsmith.com>; Ruffle, Betsy <betsy.ruffle@aecom.com>; Tauscher, Mark <mark.tauscher@aecom.com>; Young, Howard S. <younghs@cdmsmith.com>; Shawn Hinz (shawn@gravitymarine.com) <shawn@gravitymarine.com>; Keith Kroeger <KKroeger@Geosyntec.com>; Anne Fitzpatrick (AFitzpatrick@Geosyntec.com) <AFitzpatrick@Geosyntec.com>; Tyrrell, Ken <ken.tyrrell@aecom.com>; Shawn Hinz (shawn@gravitymarine.com) <shawn@gravitymarine.com>

Subject: PH Surface Sediment Schedule 6/13 through 7/1

Howard,

Below is the current schedule through July 1, 2018. No changes to start time.

The Federal commando vessel is not docked in the Shipyard Commerce (Vigor) Federally Restricted Area for the next week approximately so there are no DOD limitations/restrictions currently at Vigor.

| | | |
|-----------|---------|--|
| Wednesday | 6/20/18 | Surface Sediment - 1 vessel |
| Thursday | 6/21/18 | Surface Sediment - 1 vessel |
| Friday | 6/22/18 | Fish Acoustic - 1 vessel / Surface Sediment - 1 vessel |
| Saturday | 6/23/18 | |
| Sunday | 6/24/18 | Surface Sediment - 2 vessels |
| Monday | 6/25/18 | Surface Sediment - 2 vessels |
| Tuesday | 6/26/18 | Surface Sediment - 2 vessels |
| Wednesday | 6/27/18 | Surface Sediment - 2 vessels |
| Thursday | 6/28/18 | Surface Sediment - 2 vessels |
| Friday | 6/29/18 | Surface Sediment - 2 vessels |
| Saturday | 6/30/18 | Surface Sediment - 2 vessels |
| Sunday | 7/1/18 | Surface Sediment - 2 vessels |

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PRIVILEGED AND CONFIDENTIAL/JOINT DEFENSE COMMUNICATION/ATTORNEY WORK PRODUCT

From: Tyrrell, Ken

Sent: Tuesday, June 19, 2018 5:15 PM

To: Zhen, Davis <Zhen.Davis@epa.gov>; Moody, Nicky <nicky.moody@aecom.com>

Cc: Pretare, Jennifer <jennifer.pretare@aecom.com>; Coffey, Scott <CoffeySE@cdmsmith.com>; Stuesse, Gregory L. <stuessegl@cdmsmith.com>; Ruffle, Betsy <betsy.ruffle@aecom.com>; McCarthy, Ryan <Ryan.McCarthy@aecom.com>; Tauscher, Mark <mark.tauscher@aecom.com>; younghs@cdmsmith.com

Subject: RE: PH Surface Sediment Schedule 6/13 through 7/1

Davis,

Two points:

- We will be operating on two boats on Friday 6/22. One for the fish acoustics and a second for the sediment sampling.
- We have been notified of a [citizenship requirement](#) when we sample at certain locations around the Shipyard Commerce facility, it is reasonable to assume the requirements will extend to the EPA and its contractors. We could be sampling in the area as early as Thursday although the five locations listed below might occur later due to the additional approvals required by the DOD.

We will endeavor to keep you apprised of the schedule and requirements.

3. Access to certain restricted areas designated in Exhibit C here, including five sampling locations : SG-S179, SG-S183, SG-S191, SB-191 and B-255 (alternative 1), is restricted and will require further approval by the U.S. Department of Defense, and Shipyard Commerce agrees to promptly seek such approval within two

weeks of Shipyard Commerce Center's receipt of Pre-RD AOC Group's written request for access. *Pre-RD AOC Group acknowledges that any approval may include restrictions on the citizenship of the individuals seeking access. (emphasis added)*

From: Young, Howard S. [<mailto:younghs@cdmsmith.com>]

Sent: Tuesday, June 19, 2018 2:21 PM

To: Moody, Nicky <nicky.moody@aecom.com>

Cc: Pretare, Jennifer <jennifer.pretare@aecom.com>; Tyrrell, Ken <ken.tyrrell@aecom.com>; Zhen, Davis <Zhen.Davis@epa.gov>; Coffey, Scott <CoffeySE@cdmsmith.com>; Stuesse, Gregory L. <stuessegl@cdmsmith.com>; Ruffle, Betsy <betsy.ruffle@aecom.com>; McCarthy, Ryan <Ryan.McCarthy@aecom.com>; Tauscher, Mark <mark.tauscher@aecom.com>

Subject: RE: PH Surface Sediment Schedule 6/13 through 7/1

Please clarify whether there will be one be one or two boats operating on Friday 6/22 for the fish acoustics and the sediment sampling.

Thanks

Howard

From: Moody, Nicky <nicky.moody@aecom.com>

Sent: Tuesday, June 19, 2018 2:12 PM

To: Young, Howard S. <younghs@cdmsmith.com>

Cc: Pretare, Jennifer <jennifer.pretare@aecom.com>; Tyrrell, Ken <ken.tyrrell@aecom.com>; Zhen, Davis <Zhen.Davis@epa.gov>; Coffey, Scott <CoffeySE@cdmsmith.com>; Stuesse, Gregory L. <stuessegl@cdmsmith.com>; Ruffle, Betsy <betsy.ruffle@aecom.com>; McCarthy, Ryan <Ryan.McCarthy@aecom.com>; Tauscher, Mark <mark.tauscher@aecom.com>

Subject: RE: PH Surface Sediment Schedule 6/13 through 7/1

Fish acoustic field work will start at 7:30 am at the SIL boat ramp on Friday 6/22/18.

Field schedule update either today COB or first thing tomorrow morning for remainder of the surface sediment sampling.

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PRIVILEGED AND CONFIDENTIAL/JOINT DEFENSE COMMUNICATION/ATTORNEY WORK PRODUCT

From: Young, Howard S. [<mailto:younghs@cdmsmith.com>]

Sent: Tuesday, June 19, 2018 9:00 AM

To: Moody, Nicky <nicky.moody@aecom.com>

Cc: Pretare, Jennifer <jennifer.pretare@aecom.com>; Tyrrell, Ken <ken.tyrrell@aecom.com>; Zhen, Davis <Zhen.Davis@epa.gov>; Coffey, Scott <CoffeySE@cdmsmith.com>; Stuesse, Gregory L. <stuessegl@cdmsmith.com>

Subject: RE: PH Surface Sediment Schedule 6/13 through 7/1

Hi Nicky,

Can you clarify on the schedule below whether Fish Acoustic / Surface Sediment - 1 vessel will be one vessel for sediment and one vessel for the Fish Acoustic work. EPA would like to provide oversight of the fish acoustic work so please let me know the logistics meeting place and time.

When will the updated schedule for field activities be available?

Thank you,

Howard S. Young, LG | CDM Smith

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From: Moody, Nicky <nicky.moody@aecom.com>

Sent: Tuesday, June 12, 2018 7:34 PM

To: Young, Howard S. <younghs@cdmsmith.com>

Cc: Pretare, Jennifer <jennifer.pretare@aecom.com>; Ruffle, Betsy <betsy.ruffle@aecom.com>; Coffey, Scott <CoffeySE@cdmsmith.com>; Keith Kroeger <KKroeger@Geosyntec.com>; Anne Fitzpatrick <AFitzpatrick@Geosyntec.com>; Tyrrell, Ken <ken.tyrrell@aecom.com>

Subject: RE: PH Surface Sediment Schedule 6/13 through 7/1

Howard,

I forgot to add that the deployment of the second vessel on 6/24 is dependent on the EPA approval of the D/U locations.

Thanks

Nicky

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PRIVILEGED AND CONFIDENTIAL/JOINT DEFENSE COMMUNICATION/ATTORNEY WORK PRODUCT

From: Moody, Nicky

Sent: Tuesday, June 12, 2018 5:14 PM

To: Young, Howard S. <younghs@cdmsmith.com>

Cc: Pretare, Jennifer <jennifer.pretare@aecom.com>; Ruffle, Betsy <betsy.ruffle@aecom.com>; Coffey, Scott (<CoffeySE@cdmsmith.com>); Keith Kroeger <KKroeger@Geosyntec.com>; Anne Fitzpatrick (<AFitzpatrick@Geosyntec.com>); Tyrrrell, Ken <ken.tyrrrell@aecom.com>

Subject: PH Surface Sediment Schedule 6/13 through 7/1

Howard,

Below is the revised estimated field schedule going through to the end of the surface sediment task. There are no changes to the schedule since my last email update until we get to 6/19, which is no longer a rest day. Also no changes in the start time.

We have approximately 130 locations remaining, and this schedule assumes a production rate of 5 samples a day per vessel. If production rates are higher then we will hopefully eliminate the weekend work on 6/30 and 7/1. I can provide an update again Wednesday next week by COB.

The AECOM site safety officer through 6/22 is Michaela McCoog (cell: (b) (6)).

Thanks

Nicky

| | | | |
|-----------|---------|-----------|---|
| Wednesday | 6/13/18 | 2.1 / 2.2 | Bathymetry / Surface Sediment - 1 vessel |
| Thursday | 6/14/18 | 2.1 / 2.2 | Bathymetry / Surface Sediment - 1 vessel |
| Friday | 6/15/18 | 2.1 / 2.2 | Bathymetry / Surface Sediment - 1 vessel |
| Saturday | 6/16/18 | 2.2 | Surface Sediment - 1 vessel |
| Sunday | 6/17/18 | 2.2 | Surface Sediment - 1 vessel |
| Monday | 6/18/18 | 2.2 | Surface Sediment - 1 vessel |
| Tuesday | 6/19/18 | 2.2 | Surface Sediment - 1 vessel |
| Wednesday | 6/20/18 | 2.2 | Surface Sediment - 1 vessel |
| Thursday | 6/21/18 | 2.2 | Surface Sediment - 1 vessel |
| Friday | 6/22/18 | 2.6 / 2.2 | Fish Acoustic / Surface Sediment - 1 vessel |
| Saturday | 6/23/18 | | Rest Day |
| Sunday | 6/24/18 | 2.2 | Surface Sediment - 2 vessels |
| Monday | 6/25/18 | 2.2 | Surface Sediment - 2 vessels |
| Tuesday | 6/26/18 | 2.2 | Surface Sediment - 2 vessels |
| Wednesday | 6/27/18 | 2.2 | Surface Sediment - 2 vessels |
| Thursday | 6/28/18 | 2.2 | Surface Sediment - 2 vessels |
| Friday | 6/29/18 | 2.2 | Surface Sediment - 2 vessels |
| Saturday | 6/30/18 | 2.2 | Surface Sediment - 2 vessels |
| Sunday | 7/1/18 | 2.2 | Surface Sediment - 2 vessels |
| | | | End of Surface Sediment |

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PRIVILEGED AND CONFIDENTIAL/JOINT DEFENSE COMMUNICATION/ATTORNEY WORK PRODUCT

From: Moody, Nicky

Sent: Wednesday, June 6, 2018 4:44 PM

To: 'Howard Young' <younghs@cdm.com>

Cc: Pretare, Jennifer <jennifer.pretare@aecom.com>; Ruffle, Betsy <betsy.ruffle@aecom.com>; Coffey, Scott (<CoffeySE@cdmsmith.com>); Keith Kroeger <KKroeger@Geosyntec.com>; Anne Fitzpatrick (<AFitzpatrick@Geosyntec.com>); Tyrrrell, Ken <ken.tyrrrell@aecom.com>

Subject: PH Surface Sediment Schedule 6/13 through 6/18

Howard,

Surface sediment sampling will resume on Wednesday 6/13/2018 with only one vessel. 6/19/2018 is our next rest day. Same start time at SIL boat ramp – 8 am. We will resume with two vessels as soon as the downtown/upriver reach locations are approved.

Thank you

Nicky

| | | | | |
|-----------|---------|-----|-----------------------------|---|
| Wednesday | 6/13/18 | 2.2 | Surface Sediment - 1 vessel | Port of Portland private property |
| Thursday | 6/14/18 | 2.2 | Surface Sediment - 1 vessel | Port of Portland private property |
| Friday | 6/15/18 | 2.2 | Surface Sediment - 1 vessel | Port of Portland private property |
| Saturday | 6/16/18 | 2.2 | Surface Sediment - 1 vessel | Port of Portland private property / Gunderson (3 locations after barge departs) |
| Sunday | 6/17/18 | 2.2 | Surface Sediment - 1 vessel | Army Corps (license application close) and re-visit locations |
| Monday | 6/18/18 | 2.2 | Surface Sediment - 1 vessel | Re-visit locations / Other private property locations (access agreements pending) |
| Tuesday | 6/19/18 | | Rest Day | |

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